

# CSC 3620 – Project 3

This assignment is about using Vue to build a simple web application.

## Overview

In this assignment, you will build a simple quotes app using multiple components. You do not have to make it look exactly like this, but you should create something similar.

## Appearance

### Quotes Added

4 / 10

Quote

Add Quote

*Just a Quote to see something*

*Something something dark side*

*Impressive, most impressive*

*Together we can rule the galaxy*

Info: Click on a Quote to delete it!

To see an animation of the quote board in action, click the following link:

<http://jmp.sh/G0BUIZO>

## Header

For the header you will need to display the correct number of quotes currently in the system (e.g. 5/10). You will need to style the progress bar's width to be 10% width per quote in the system. The data you'll use in the component will come from the parent component.

## New Quote

You'll want to establish a two-way binding for quote data and your textarea. You'll also want to connect the button to a function for creating a new quote. Be sure this listener prevents default. For this component you'll need one piece of data, quote, that is the quote to be used.

When the user enters a quote and adds it, you'll want your function to broadcast the quote to the other components and you'll also want to clear the textarea for entering additional quotes.

### **Quote Grid**

This component is where you display all your quotes. You'll want to loop to generate all the app quote elements from the quote array stored in the main app component. You will also want to connect a delete quote function to each of the quotes. This function will broadcast the index number of the quote to delete. Here you'll need to import the quote component and pull in the array of quotes externally.

### **Main App**

Your main app should have two pieces of data: an array of quotes and the maximum number of quotes. You'll want to make two functions to put in your methods: one to handle new quotes and one to delete quotes. Be sure to import and set up the components you will use. Your methods should be bound and listening on the appropriate component for emitted events.

### **Grading**

#### **To Earn a C**

- Adding quotes working properly
- Quote counter is functioning correctly

#### **To Earn a B**

- Complete all C tasks plus
- Deleting quotes working properly

#### **To Earn an A**

- Header working properly
- Max quotes limit properly enforced
- No other issues or deviations present in project